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ABSTRACT OF THE DISCLOSURE

An eddy current retarder having a rotor part of the retarder with symmetry of revolution about the axis of the engine shaft so that it has a peripheral face facing a peripheral face of the stator part, the inductor of the retarder having at least one electromagnetic winding. Thus, the Eddy current retarder maintains a compact structure while at the same time allowing simple and easy control over its magnetic flux by virtue of the presence of electromagnets.

REMARKS

Claims 1-10 have been objected to as containing certain informalities. These informalities have been corrected.

The Examiner asked for amendments to the drawings on page 2 of the Office Action, points (a)-(d).

(a) The frontal wall (3a) of the engine casing (3) can be seen in figures 1 and 3 and is described in the specification, but what was missing in the original drawing (figure 1) was the engine shaft or preferably crankshaft, as suggested by the Examiner, and said one end of the crankshaft which is directed toward the frontal wall (3a), with respect to point (a) as mentioned above.

(b) With respect to point (b), the stator part (4) is also represented in figures 1, 2 and 4 (stator part 4'), and it results from the specification page 4, lines 28-39 (stator description) that the stator (4) is coaxial about axis X, which is the axis of the crankshaft. Thus, again, the crankshaft is missing in figure 1. The general disposition of the crankshaft is described in the specification in page 3, lines 23-31.